

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 28   | ("1738483" "3132762" "3368708" "3618808" "3662780" "4336764" "4561568" "5552197" "5758796" "6325108" "0998279").PN.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/12/28 09:04 |
| S2    | 21   | ("2848133"   "3079038"   "3208622"   "3368708"   "4566609"   "4778073"   "5284996"   "5518141").PN. OR ("5758796").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/12/27 13:07 |
| S3    | 29   | ("2951614"   "3000542"   "3156100"   "3282459"   "3815773"   "3969812"   "4073400"   "4191304"   "4360116").PN. OR ("4561568").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/12/27 13:10 |
| S4    | 10   | ("3228549"   "3750823"   "4561568"   "4684423"   "5032016"   "5273603"   "5348698"   "5865923"   "6039827").PN. OR ("6361635").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/12/27 13:14 |
| S5    | 35   | ("1978015"   "1991830"   "2848133"   "3158177"   "3171563"   "3172252"   "3246794"   "3311253"   "3319791"   "3404796").PN. OR ("3662780").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/12/27 13:16 |
| S6    | 16   | ("3368708").URPN.  | USPAT   | OR               | OFF     | 2006/12/27 14:29 |
| S7    | 224  | (220/653).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/12/27 14:29 |
| S8    | 5    | ("2445268").URPN.  | USPAT   | OR               | OFF     | 2006/12/27 14:34 |
| S9    | 9    | ("2445268"   "3000542"   "4561568"   "4588622"   "5025943").PN. OR ("5407092").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/12/27 14:40 |
| S10   | 329  | ((220/651) or (220/652)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/12/27 14:46 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S11 | 193 | (220/592).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/27 14:47 |
| S12 | 11  | ("3101860"   "3390563"  <br>"3433382"   "3512675"  <br>"4040284"   "4125202").PN. OR<br>("4484689").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/12/27 14:51 |
| S13 | 1   | ("3537938").URPN.   | USPAT   | OR | OFF | 2006/12/27 15:04 |
| S14 | 737 | ((220/918) or (220/920)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/27 15:22 |
| S15 | 127 | (220/23.9).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/27 15:26 |
| S16 | 658 | ((220/720) or (220/721)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/27 15:26 |
| S17 | 31  | ("20030111473"   "2609001"  <br>"2841181"   "3063470"  <br>"3536102"   "4088154"  <br>"4263498"   "4628964"  <br>"4705077"   "4732175"  <br>"4732176"   "4759387"  <br>"4784181"   "5027860"  <br>"5386925"   "5584316"  <br>"5690061"   "5732741"  <br>"5735313"   "5823007"  <br>"5860452"   "5988984"  <br>"6041820"   "6063275"  <br>"6264247"   "6328071"  <br>"6418969").PN. OR ("7108015").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/12/27 15:27 |
| S18 | 1   | ("2003/0111473").URPN.  | USPAT   | OR | OFF | 2006/12/27 15:31 |
| S19 | 0   | ("2537954").URPN.   | USPAT   | OR | OFF | 2006/12/27 15:42 |

## EAST Search History

|     |     |                                |   |    |     |                  |
|-----|-----|--------------------------------|---|----|-----|------------------|
| S20 | 539 | (220/581).CCLS.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/28 09:08 |
| S21 | 366 | (220/582).CCLS.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/28 09:09 |
| S22 | 53  | (220/583).CCLS.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/28 09:09 |
| S23 | 58  | (220/584).CCLS.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/28 09:10 |
| S24 | 66  | (220/585).CCLS.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/28 09:11 |
| S25 | 405 | ((220/586) or (220/587)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/28 09:13 |
| S26 | 163 | ((220/588) or (220/589)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/28 09:15 |
| S27 | 318 | ((220/590) or (220/591)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/28 09:31 |

## EAST Search History

|     |    |                   |   |    |     |                  |
|-----|----|-------------------|---|----|-----|------------------|
| S30 | 65 | Bettinger-d\$.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/04 15:59 |
|-----|----|-------------------|---|----|-----|------------------|